

EAST Search History

L5	682	("1015180" "2514405" "2526519" "2580275" "2635746" "2682132" "2824484" "2861256" "2881919" "2894178" "2989179" "2994060" "3011634" "3017184" "3066797" "3197647" "3198515" "3265208" "3268856" "3279598" "3337139" "3373870" "3380584" "3384310" "3411622" "3425507" "3454759" "3467594" "3472375" "3488511" "3489277" "3512587" "3512637" "3517807" "3556282" "3565248" "3590925" "3596275" "3609913" "3622089" "3645391" "3650396" "3652844" "3675769" "3685650" "3701218" "3712469" "3721501" "3737239" "3738475" "3770111" "3773172" "3777877" "3782544" "3802548" "3802558" "3811567" "3814521" "3821550" "3826364" "3878519" "3890221" "3897330" "3901388" "3905556" "3910701" "3928184" "3939983" "3963351" "3975261" "3977526" "3979756" "3980180" "3993899" "4010354" "4013875" "4015366" "4029391" "4041774" "4044956" "4056463" "4057146" "4065282" "4067502" "4070273" "4076979" "4077871" "4092800" "4095696" "4120402" "4126226" "4131540" "4132314" "4146135" "4147619" "4168005" "4170306" "4175694" "4176260" "4179216" "4185941" "4187775" "4196811" "4204950" "4205752" "4206569" "4207985" "4211423" "4225242" "4246098" "4252240" "4262806" "4278538" "4279346" "4280625" "4281933" "4308942" "4334782" "4344539" "4352430" "4354339" "4367817" "4368641" "4369886" "4379525").PN. OR ("4448547" "4450473" "4454029" "4470702" "4476982" "4480860" "4482960" "4513868" "4515275" "4527897" "4550526" "4557386" "4558786" "4572666" "4576286" "4581632" "4584676" "4610359" "4617111" "4617467" "4618757"	US-PGPUB; USPAT; USOCR	OR	ON	2007/11/09 09:29
11/9/2007 9:44:42 AM C:\Documents and Settings\Inphedman\My Documents\EAST\Workspaces\10 cases\10_637188_RCE.wsp						Page 2

EAST Search History

L10	917	("1178430" "1302466" "1386287" "1889615" "1921863" "1925750" "1945395" "2054319" "2054320" "2131095" "2131096" "2152758" "2244826" "2325665" "2332308" "2343958" "2357566" "2373361" "2466371" "2474230" "2481961" "2627975" "2645343" "2696297" "2717693" "2730234" "2827112" "2881919" "2929500" "2933613" "2971646" "2975898" "3011634" "3013661" "3031079" "3044619" "3048270" "3058588" "3060790" "3066797" "3080659" "3123551" "3145249" "3176840" "3197647" "3228520" "3280692" "3305089" "3312343" "3351198" "3358552" "3366236" "3370692" "3380586" "3385434" "3403862" "3421820" "3467594" "3472375" "3476132" "3489277" "3489278" "3495366" "3499527" "3512893" "3516841" "3524594" "3526777" "3565249" "3572503" "3580997" "3581888" "3639771" "3650396" "3663813" "3664397" "3675769" "3709612" "3720380" "3721501" "3724952" "3738484" "3741863" "3747755" "3750883" "3756404" "3770111" "3773172" "3776381" "3781554" "3802558" "3802559" "3807554" "3830401" "3833178" "3835332" "3867039" "3878384" "3880289" "3890221" "3897330" "3901388" "3902036" "3910701" "3914601" "3930991" "3933249" "3939983" "3944368" "3944819" "3963348" "3973129" "3975261" "3977526" "3980180" "3980181" "3981590" "3993899" "3994591" "4000031" "4003660" "4017194" "4019819" "4031004" "4033450").PN. OR ("4033804" "4043513" "4057146" "4057352" "4074807" "4076979" "4082188" "4093991" "4094272" "4095696" "4096949" "4100416" "4100725" "4105123" "4106628" "4110826" "4115992" "4117338" "4120402" "4122951" "4122952"	US-PGPUB; USPAT; USOCR	OR	ON	2007/11/09 09:29
11/9/2007 9:44:42 AM	C:\Documents and Settings\vinhadenan\My Documents\EAST\Workspaces\10 cases\10_637188_RCE.wsp					Page 3

EAST Search History

L11	25	("2627975" "3351198").URPN.	USPAT	OR	ON	2007/11/09 09:29
L12	1301	L5 L10 L11	USPAT	OR	ON	2007/11/09 09:35
L13	77	(color\$4 and sort\$4 and ((first second third) same (stage step process)) and input and output). clm.	US-PGPUB; USPAT	OR	ON	2007/11/09 09:37
L14	1	trisorter tri-sorter	US-PGPUB; USPAT	OR	ON	2007/11/09 09:37
L15	1721	cullet	US-PGPUB; USPAT	OR	ON	2007/11/09 09:37
L16	240	cullet.clm.	US-PGPUB; USPAT	OR	ON	2007/11/09 09:37
L17	0	16 and (sort\$4 and coler\$4)	US-PGPUB; USPAT	OR	ON	2007/11/09 09:38
L18	43	16 and (sort\$4 and color\$4)	US-PGPUB; USPAT	OR	ON	2007/11/09 09:38
L19	120	13 14 18	US-PGPUB; USPAT	OR	ON	2007/11/09 09:38
S1	0	"10633188"	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/22 12:10
S2	2	"10/633188"	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/22 12:10
S3	1	"10/637188"	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/22 12:11
S4	1	"10637188"	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/22 12:15
S6	40	("5894938" "5314072")	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/22 14:03
S7	2	("5894938" "5314072").pn.	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/22 14:03
S8	12	("5894938" "5314072" "5314071" "5862919" "5456127" "5794788" "5350118" "5555984" "5333739" "6137074" "6112903" "4951825"). pn.	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/22 14:19
S10	1015	209/576,588,932,643,644.ccls.	US-PGPUB; USPAT	OR	ON	2007/01/22 16:36

EAST Search History

S11	73	("2627975" "3351198" "3650396" "3802558" "3897330" "3980180" "4076979" "4131540" "4276983" "4278538" "4352430" "4379525" "4584455" "4630736" "4657144" "4699273" "4699510" "4765489" "4863041" "4915825" "4919534" "4951825" "5021645" "5085325" "5143308" "5148923" "5148993" "5150307" "5156278" "5215772" "5314071" "5315384" "5318172" "5333739" "5335791" "5339963" "5350118" "5398818" "5402264" "5419438" "5440127" "5443164" "5456127" "5464981" "5469973" "5481864" "5483057" "5501344" "5512758" "5531331" "5533628" "5555984" "5590791" "5632381" "5675416" "5782364" "5789741" "5794788" "5799105" "5813542" "5848706" "5862919" "5884775" "5894938" "5895910" "5913427" "5954206" "5966217" "5979240" "6137074" "6313422" "6504124" "6506991").pn.	US-PGPUB; USPAT	OR	ON	2007/01/22 15:08
-----	----	---	--------------------	----	----	------------------

EAST Search History

S12	99	(US-20040251178-\$).did. or (US-5641072-\$ or US-6230521-\$ or US-5273166-\$ or US-5911327-\$ or US-5555984-\$ or US-6137074-\$ or US-6144004-\$ or US-4990967-\$ or US-5877864-\$ or US-4867384-\$ or US-6287765-\$ or US-4971310-\$ or US-6230395-\$ or US-4889332-\$ or US-5612068-\$ or US-4772917-\$ or US-4776467-\$ or US-4806357-\$ or US-4819927-\$ or US-4855580-\$ or US-4869488-\$ or US-4901841-\$ or US-4980721-\$ or US-5358090-\$ or US-5361889-\$ or US-5379992-\$). did. or (US-5966910-\$ or US-4449813-\$ or US-4629311-\$ or US-4762544-\$ or US-5988054-\$ or US-6079929-\$ or US-6250236-\$ or US-4819023-\$ or US-5758832-\$ or US-6112903-\$ or US-4271966-\$ or US-4573641-\$ or US-4583695-\$ or US-4829428-\$ or US-4928943-\$ or US-5311276-\$ or US-5333739-\$ or US-5773529-\$ or US-5779748-\$ or US-5855636-\$ or US-3650396-\$ or US-3788568-\$ or US-4248388-\$ or US-4252551-\$ or US-4254877-\$ or US-4265170-\$ or US-4295733-\$). did. or (US-4310153-\$ or US-4433426-\$ or US-4519600-\$ or US-4519599-\$ or US-4936465-\$ or US-4937634-\$ or US-4976356-\$ or US-4977837-\$ or US-4989852-\$ or US-5009370-\$ or US-5248102-\$ or US-5268728-\$ or US-5342427-\$ or US-5350120-\$ or US-5361913-\$ or US-5368432-\$ or US-5372317-\$ or US-5397011-\$ or US-5423492-\$ or US-5477956-\$ or US-5502299-\$ or US-5556443-\$ or US-5627911-\$ or US-5628106-\$ or US-5663997-\$ or US-5718737-\$ or US-5781441-\$). did. or (US-5810173-\$ or US-5828588-\$ or US-5835839-\$ or US-5878904-\$ or US-5890050-\$ or US-5917585-\$ or US-5926392-\$ or US-6064056-\$ or US-6110088-\$ or US-6119869-\$ or US-6173888-\$ or US-6213309-\$ or US-6229323-\$ or US-6356094-\$ or US-6464082-\$ or US-6475753-\$ or US-6504124-\$ or US-6631030-\$).did.	US-PGPUB; USPAT	OR	ON	2007/01/22 14:29
S13	167	S12 S11	US-PGPUB; USPAT	OR	ON	2007/01/22 14:29

EAST Search History

S14	1	"5314071".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/22 14:30
S15	18	("3802558" "3897330" "4379525" "4657144" "4765489" "5148923" "5148993" "5215772").PN. OR ("5314071"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/22 14:30
S16	1	10/381243	US-PGPUB; USPAT	OR	ON	2007/01/22 15:33
S17	44006	"209".clas.	US-PGPUB; USPAT	OR	ON	2007/01/22 15:33
S18	74597	"209".clas.	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/22 15:33
S19	12242	S18 and parallel	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/22 16:02
S20	2314	S19 and (stage stages staged)	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/22 17:01
S21	30	("3675769" "3773172" "3977526" "4262806" "4279346" "4634881" "4723659" "5085325" "5134291" "5141110" "5440127" "5443164" "5464981" "5520290" "5529169" "5683000").PN. OR ("5862919"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/22 16:21
S22	696	S20 and (three same (stage stages levels))	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/23 09:54

EAST Search History

S23	150	(US-20040251178-\$ or US-20020141054-\$ or US-20040078110-\$ or US-20050064117-\$ or US-20050126958-\$ or US-20050173306-\$ or US-20050177451-\$ or US-20050193770-\$ or US-20050242006-\$ or US-20060000237-\$ or US-20060122725-\$ or US-20060254957-\$ or US-20020197408-\$ or US-20060222464-\$).did. or (US-6137074-\$ or US-6144004-\$ or US-4867384-\$ or US-5248102-\$ or US-5372317-\$ or US-5423492-\$ or US-4507138-\$ or US-4583695-\$ or US-5555984-\$ or US-5758832-\$ or US-3650396-\$ or US-3788568-\$ or US-4248388-\$ or US-4252551-\$ or US-4271966-\$ or US-4573641-\$ or US-5009370-\$ or US-5342427-\$ or US-5350120-\$ or US-5361913-\$ or US-5556443-\$ or US-5641072-\$ or US-5663997-\$ or US-5718737-\$ or US-5773529-\$ or US-5779748-\$). did. or (US-5855636-\$ or US-5911327-\$ or US-6064056-\$ or US-6112903-\$ or US-6230521-\$ or US-6464082-\$ or US-6504124-\$ or US-6568612-\$ or US-6631030-\$ or US-6763280-\$ or US-6810301-\$ or US-4775697-\$ or US-4934112-\$ or US-4278193-\$ or US-4316565-\$ or US-4422862-\$ or US-4504301-\$ or US-5951384-\$ or US-4831633-\$ or US-4244720-\$ or US-4312655-\$ or US-4347073-\$ or US-4487632-\$ or US-4778507-\$ or US-4781742-\$ or US-4797092-\$ or US-4892573-\$). did. or (US-4929266-\$ or US-4981504-\$ or US-5057133-\$ or US-5399181-\$ or US-5401287-\$ or US-5460638-\$ or US-5536291-\$ or US-5614452-\$ or US-5621036-\$ or US-5849402-\$ or US-5912199-\$ or US-5951199-\$ or US-6010775-\$ or US-6387513-\$ or US-6460376-\$ or US-6498117-\$ or US-6849301-\$ or US-4356829-\$ or US-5527416-\$ or US-5556251-\$ or US-5657977-\$ or US-4498665-\$ or US-4527577-\$ or US-4532727-\$ or US-4961567-\$ or US-4993535-\$ or US-5197919-\$). did. or (US-5263706-\$ or US-5607187-\$ or US-5725253-\$ or US-5774778-\$ or US-6000640-\$ or US-6129220-\$ or US-4256297-\$ or	US-PGPUB; USPAT	OR	ON	2007/01/23 10:39
11/9/2007 9:44:42 AM C:\Documents and Settings\imagedman\My Documents\EAST\Workspaces\10 cases\10_637188_RCE.wsp						

EAST Search History

S24	99	(US-20040251178-\$).did. or (US-5641072-\$ or US-6230521-\$ or US-5273166-\$ or US-5911327-\$ or US-5555984-\$ or US-6137074-\$ or US-6144004-\$ or US-4990967-\$ or US-5877864-\$ or US-4867384-\$ or US-6287765-\$ or US-4971310-\$ or US-6230395-\$ or US-4889332-\$ or US-5612068-\$ or US-4772917-\$ or US-4776467-\$ or US-4806357-\$ or US-4819927-\$ or US-4855580-\$ or US-4869488-\$ or US-4901841-\$ or US-4980721-\$ or US-5358090-\$ or US-5361889-\$ or US-5379992-\$). did. or (US-5966910-\$ or US-4449813-\$ or US-4629311-\$ or US-4762544-\$ or US-5988054-\$ or US-6079929-\$ or US-6250236-\$ or US-4819023-\$ or US-5758832-\$ or US-6112903-\$ or US-4271966-\$ or US-4573641-\$ or US-4583695-\$ or US-4829428-\$ or US-4928943-\$ or US-5311276-\$ or US-5333739-\$ or US-5773529-\$ or US-5779748-\$ or US-5855636-\$ or US-3650396-\$ or US-3788568-\$ or US-4248388-\$ or US-4252551-\$ or US-4254877-\$ or US-4265170-\$ or US-4295733-\$). did. or (US-4310153-\$ or US-4433426-\$ or US-4519600-\$ or US-4519599-\$ or US-4936465-\$ or US-4937634-\$ or US-4976356-\$ or US-4977837-\$ or US-4989852-\$ or US-5009370-\$ or US-5248102-\$ or US-5268728-\$ or US-5342427-\$ or US-5350120-\$ or US-5361913-\$ or US-5368432-\$ or US-5372317-\$ or US-5397011-\$ or US-5423492-\$ or US-5477956-\$ or US-5502299-\$ or US-5556443-\$ or US-5627911-\$ or US-5628106-\$ or US-5663997-\$ or US-5718737-\$ or US-5781441-\$). did. or (US-5810173-\$ or US-5828588-\$ or US-5835839-\$ or US-5878904-\$ or US-5890050-\$ or US-5917585-\$ or US-5926392-\$ or US-6064056-\$ or US-6110088-\$ or US-6119869-\$ or US-6173888-\$ or US-6213309-\$ or US-6229323-\$ or US-6356094-\$ or US-6464082-\$ or US-6475753-\$ or US-6504124-\$ or US-6631030-\$).did.	US-PGPUB; USPAT	OR	ON	2007/01/23 10:40
-----	----	--	--------------------	----	----	------------------

EAST Search History

S25	114	S23 not S24	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/23 10:47
S26	36	S23 and S24	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/23 11:35
S29	1027	209/576,588,932,643,644.ccls.	US-PGPUB; USPAT	OR	ON	2007/07/06 15:13
S30	6	("4976356" "6011229" "6265683" "6260712" "4230558" "3489277"). pn.	US-PGPUB; USPAT	OR	ON	2007/07/06 15:13
S31	2	("4583695" "5862919").pn.	US-PGPUB; USPAT; USOCR	OR	ON	2007/09/18 13:18
S32	1039	209/576,588,932,643,644.ccls.	US-PGPUB; USPAT	OR	ON	2007/11/08 15:51
S33	251	209/580.ccls.	US-PGPUB; USPAT	OR	ON	2007/11/08 15:51
S34	189	S33 not S32	US-PGPUB; USPAT	OR	ON	2007/11/08 15:54
S35	11	("2,627,975" "3,351,198" "3,650, 396" "3,802,558" "3,897,330" "3, 980,180" "4,076,979" "4,131,540" "4,276,983" "4,278,538" "4,352, 430").pn.	US-PGPUB; USPAT	OR	ON	2007/11/08 15:54
S36	32	("4,379,525" "4,584,455" "4,630, 736" "4,657,144" "4,699,273" "4, 699,510" "4,765,489" "4,863,041" "4,915,825" "4,919,534" "4,951, 825" "5,021,645" "5,085,325" "5, 143,308" "5,148,923" "5,148,993" "5,150,307" "5,156,278" "5,215, 772" "5,314,071" "5,315,384" "5, 318,172" "5,333,739" "5,335,791" "5,339,963" "5,350,118" "5,398, 818" "5,402,264" "5,419,438" "5, 440,127" "5,443,164" "5,456,127"). pn.	US-PGPUB; USPAT	OR	ON	2007/11/08 15:56
S37	31	("5,464,981" "5,469,973" "5,481, 864" "5,483,057" "5,501,344" "5, 512,758" "5,531,331" "5,533,628" "5,555,984" "5,590,791" "5,632, 381" "5,675,416" "5,782,364" "5, 789,741" "5,794,788" "5,799,105" "5,813,542" "5,848,706" "5,862, 919" "5,884,775" "5,894,938" "5, 895,910" "5,913,427" "5,954,206" "5,966,217" "5,979,240" "6,137, 074" "6,144,004" "6,313,422" "6, 504,124" "6,506,991").pn.	US-PGPUB; USPAT	OR	ON	2007/11/08 15:56

EAST Search History

S38	74	S35 S36 S37	US-PGPUB; USPAT	OR	ON	2007/11/08 15:56
S39	21	("5318172" "5314071" "5826919" "4583695" "5314071" "5314072" "5894938" "5894938" "5862919" "5456127" "5794788" "5350118" "5555984" "5333739" "6137074" "6112903" "4951825" "4976356" "6011229" "6265683" "6260712" "4230558" "3489277").pn.	US-PGPUB; USPAT	OR	ON	2007/11/08 15:59
S40	84	S38 S39	US-PGPUB; USPAT	OR	ON	2007/11/08 15:59

EAST Search History

S41	682	("1015180" "2514405" "2526519" "2580275" "2635746" "2682132" "2824484" "2861256" "2881919" "2894178" "2989179" "2994060" "3011634" "3017184" "3066797" "3197647" "3198515" "3265208" "3268856" "3279598" "3337139" "3373870" "3380584" "3384310" "3411622" "3425507" "3454759" "3467594" "3472375" "3488511" "3489277" "3512587" "3512637" "3517807" "3556282" "3565248" "3590925" "3596275" "3609913" "3622089" "3645391" "3650396" "3652844" "3675769" "3685650" "3701218" "3712469" "3721501" "3737239" "3738475" "3770111" "3773172" "3777877" "3782544" "3802548" "3802558" "3811567" "3814521" "3821550" "3826364" "3878519" "3890221" "3897330" "3901388" "3905556" "3910701" "3928184" "3939983" "3963351" "3975261" "3977526" "3979756" "3980180" "3993899" "4010354" "4013875" "4015366" "4029391" "4041774" "4044956" "4056463" "4057146" "4065282" "4067502" "4070273" "4076979" "4077871" "4092800" "4095696" "4120402" "4126226" "4131540" "4132314" "4146135" "4147619" "4168005" "4170306" "4175694" "4176260" "4179216" "4185941" "4187775" "4196811" "4204950" "4205752" "4206569" "4207985" "4211423" "4225242" "4246098" "4252240" "4262806" "4278538" "4279346" "4280625" "4281933" "4308942" "4334782" "4344539" "4352430" "4354339" "4367817" "4368641" "4369886" "4379525").PN. OR ("4448547" "4450473" "4454029" "4470702" "4476982" "4480860" "4482960" "4513868" "4515275" "4527897" "4550526" "4557386" "4558786" "4572666" "4576286" "4581632" "4584676" "4610359" "4617111" "4617467" "4618757"	US-PGPUB; USPAT; USOCR	OR	ON	2007/11/08 16:00
11/9/2007 9:44:42 AM C:\Documents and Settings\mpademan\My Documents\EAST\Workspaces\10 cases\10_637188_RCE.wsp						Page 12

EAST Search History

S42	917	("1178430" "1302466" "1386287" "1889615" "1921863" "1925750" "1945395" "2054319" "2054320" "2131095" "2131096" "2152758" "2244826" "2325665" "2332308" "2343958" "2357566" "2373361" "2466371" "2474230" "2481961" "2627975" "2645343" "2696297" "2717693" "2730234" "2827112" "2881919" "2929500" "2933613" "2971646" "2975898" "3011634" "3013661" "3031079" "3044619" "3048270" "3058588" "3060790" "3066797" "3080659" "3123551" "3145249" "3176840" "3197647" "3228520" "3280692" "3305089" "3312343" "3351198" "3358552" "3366236" "3370692" "3380586" "3385434" "3403862" "3421820" "3467594" "3472375" "3476132" "3489277" "3489278" "3495366" "3499527" "3512893" "3516841" "3524594" "3526777" "3565249" "3572503" "3580997" "3581888" "3639771" "3650396" "3663813" "3664397" "3675769" "3709612" "3720380" "3721501" "3724952" "3738484" "3741863" "3747755" "3750883" "3756404" "3770111" "3773172" "3776381" "3781554" "3802558" "3802559" "3807554" "3830401" "3833178" "3835332" "3867039" "3878384" "3880289" "3890221" "3897330" "3901388" "3902036" "3910701" "3914601" "3930991" "3933249" "3939983" "3944368" "3944819" "3963348" "3973129" "3975261" "3977526" "3980180" "3980181" "3981590" "3993899" "3994591" "4000031" "4003660" "4017194" "4019819" "4031004" "4033450").PN. OR ("4033804" "4043513" "4057146" "4057352" "4074807" "4076979" "4082188" "4093991" "4094272" "4095696" "4096949" "4100416" "4100725" "4105123" "4106628" "4110826" "4115992" "4117338" "4120402" "4122951" "4122952"	US-PGPUB; USPAT; USOCR	OR	ON	2007/11/08 16:01
-----	-----	---	------------------------------	----	----	------------------

EAST Search History

S43	25	("2627975" "3351198").URPN.	USPAT	OR	ON	2007/11/08 16:02
S44	1301	S41 S42 S43	USPAT	OR	ON	2007/11/08 16:03
S45	1301	S41 S42 S43	US-PGPUB; USPAT	OR	ON	2007/11/08 16:03